

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021521\
 Data File : VW018142.D
 Acq On : 15 Feb 2021 17:52
 Operator : SY/VA
 Sample : M1370-19RE
 Misc : 5.67G/10ML/MSVOA_W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBGZ7RE

Quant Time: Feb 16 02:26:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 16 02:20:15 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

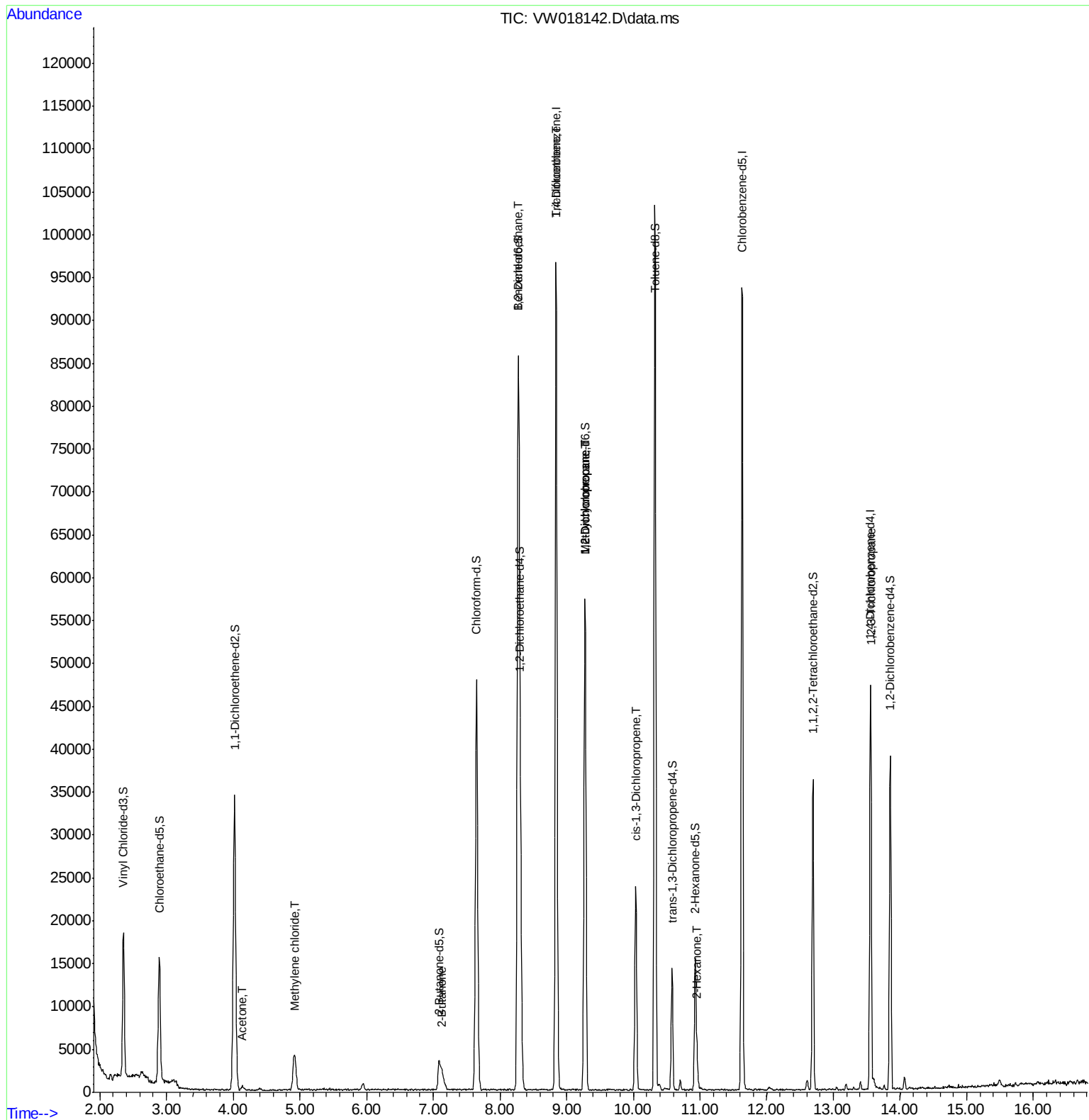
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	86974	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	57034	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	14058	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	17819	16.48	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	65.92%		
7) Chloroethane-d5	2.891	69	18433	21.49	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	85.96%		
10) 1,1-Dichloroethene-d2	4.019	63	32665	15.12	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	60.48%		
20) 2-Butanone-d5	7.086	46	5623	19.49	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	38.98%		
24) Chloroform-d	7.647	84	50176	21.98	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	87.92%		
26) 1,2-Dichloroethane-d4	8.305	65	25861	21.27	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	85.08%		
29) Benzene-d6	8.275	84	93066	29.72	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	118.88%		
33) 1,2-Dichloropropane-d6	9.274	67	26992	30.82	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	123.28%#		
37) Toluene-d8	10.323	98	71249	23.91	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	95.64%		
38) trans-1,3-Dichloroprop...	10.579	79	8313	20.94	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	83.76%		
39) 2-Hexanone-d5	10.927	63	4826	28.82	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	57.64%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	17750	23.07	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	92.28%		
61) 1,2-Dichlorobenzene-d4	13.853	152	10920	21.78	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	87.12%		
Target Compounds						
13) Acetone	4.135	43	842	3.95	ug/L	69
16) Methylene chloride	4.922	84	3694	2.65	ug/L	92
21) 2-Butanone	7.135	43	737	2.27	ug/L #	46
27) 1,2-Dichloroethane	8.275	62	501	0.35	ug/L #	73
35) Trichloroethene	8.842	95	2624	2.79	ug/L #	3
36) Methylcyclohexane	9.274	83	7247	4.59	ug/L #	19
40) 1,2-Dichloropropane	9.274	63	3144	4.11	ug/L #	84
42) cis-1,3-Dichloropropene	10.036	75	546	0.44	ug/L #	43
49) 2-Hexanone	10.957	43	2741	8.29	ug/L #	34
59) 1,2,3-Trichloropropane	13.560	75	1429	2.44	ug/L	92

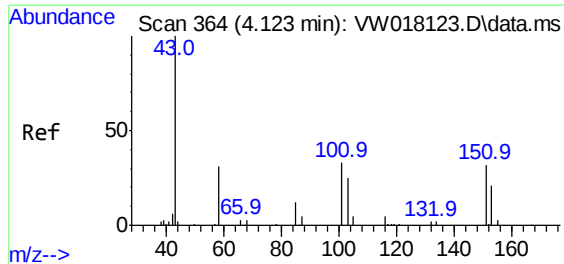
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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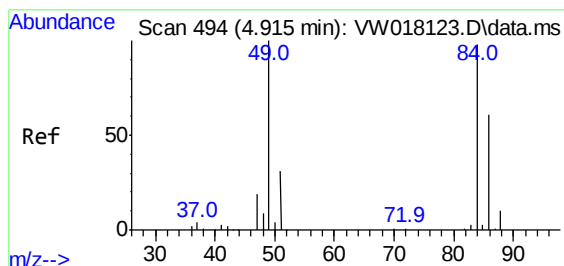
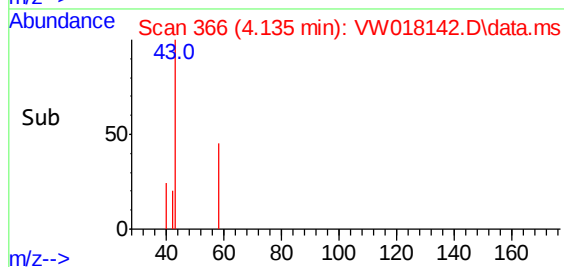
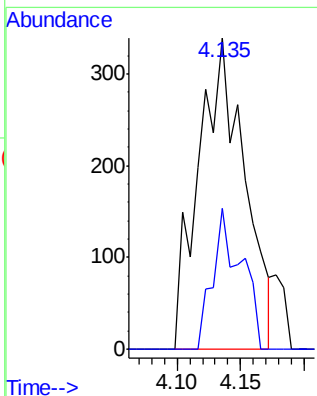
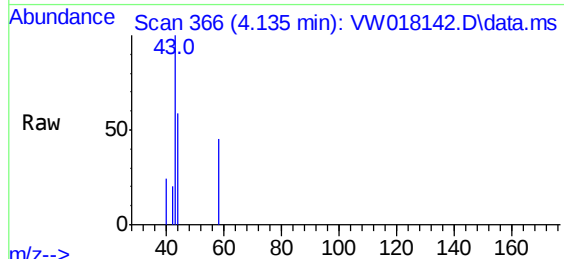




#13
Acetone
Concen: 3.95 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.012 min
Lab File: VW018142.D
Acq: 15 Feb 2021 17:52

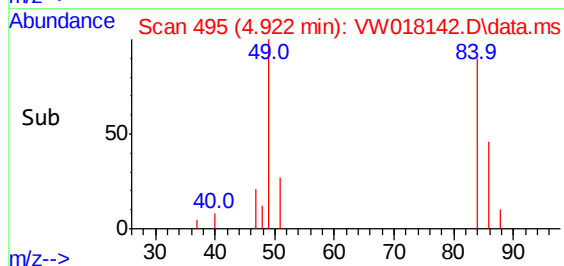
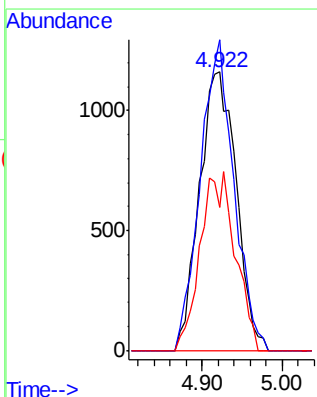
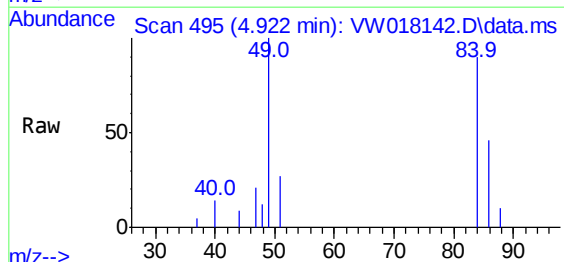
Instrument :
MSVOA_W
ClientSampleId :
DBGZ7RE

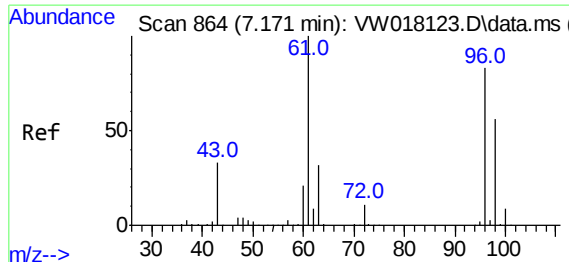
Tgt Ion: 43 Resp: 842
Ion Ratio Lower Upper
43 100
58 16.3 0.0 68.4



#16
Methylene chloride
Concen: 2.65 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018142.D
Acq: 15 Feb 2021 17:52

Tgt Ion: 84 Resp: 3694
Ion Ratio Lower Upper
84 100
49 111.6 81.2 150.8
86 51.3 44.5 82.7

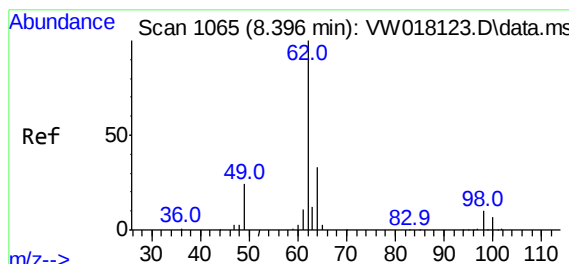
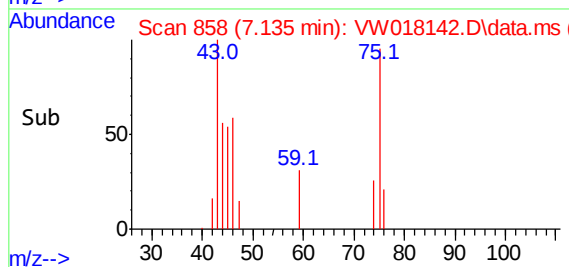
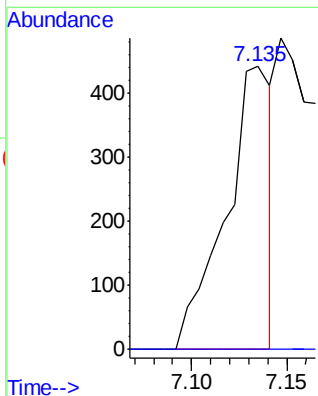
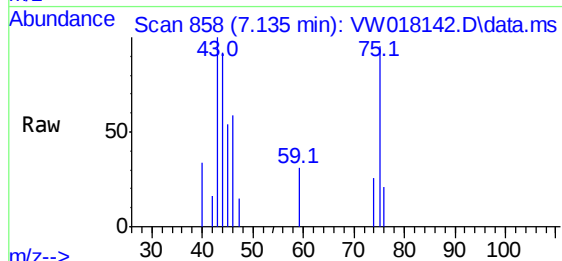




#21
2-Butanone
Concen: 2.27 ug/L
RT: 7.135 min Scan# 858
Delta R.T. -0.037 min
Lab File: VW018142.D
Acq: 15 Feb 2021 17:52

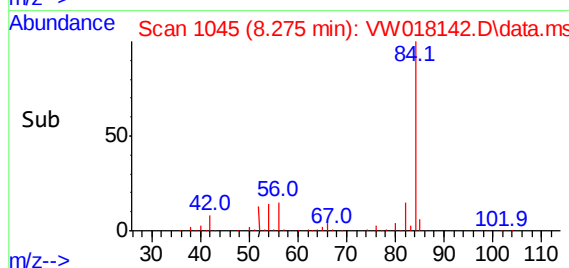
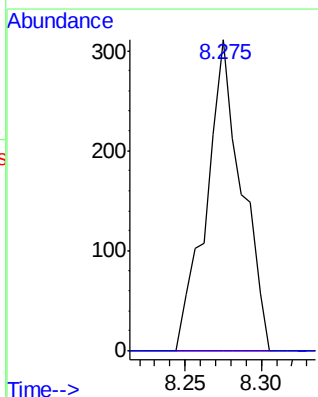
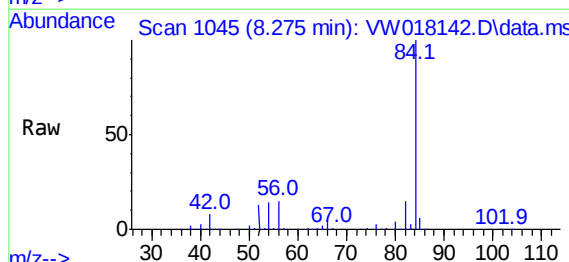
Instrument :
MSVOA_W
ClientSampled :
DBGZ7RE

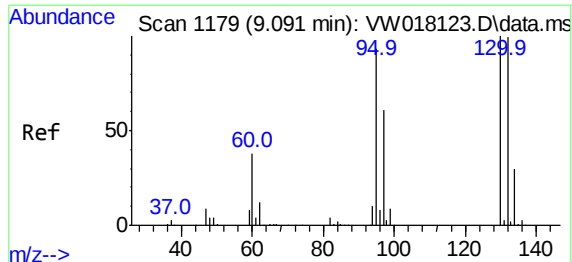
Tgt Ion: 43 Resp: 737
Ion Ratio Lower Upper
43 100
72 0.0 14.4 43.2#



#27
1,2-Dichloroethane
Concen: 0.35 ug/L
RT: 8.275 min Scan# 1045
Delta R.T. -0.122 min
Lab File: VW018142.D
Acq: 15 Feb 2021 17:52

Tgt Ion: 62 Resp: 501
Ion Ratio Lower Upper
62 100
98 0.0 8.0 12.0#

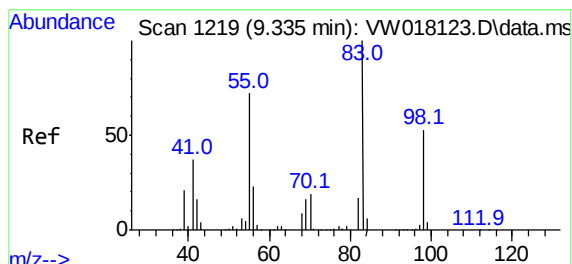
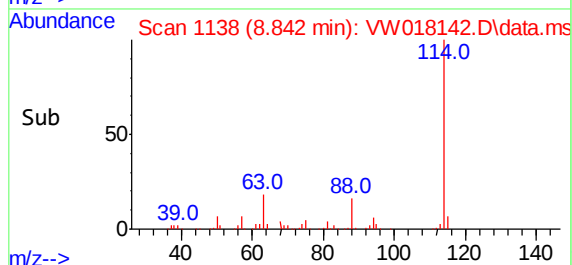
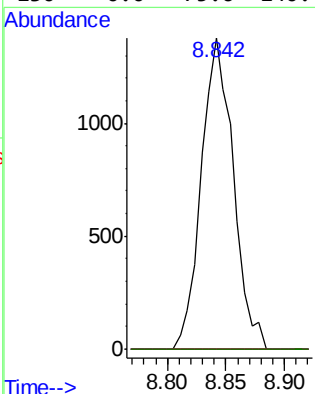
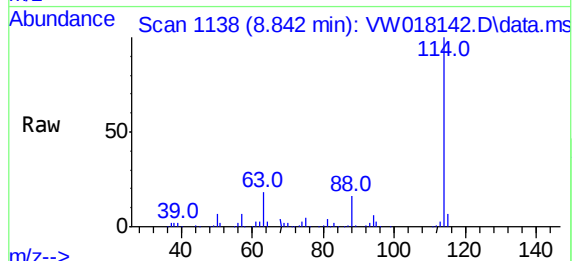




#35
Trichloroethene
Concen: 2.79 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018142.D
Acq: 15 Feb 2021 17:52

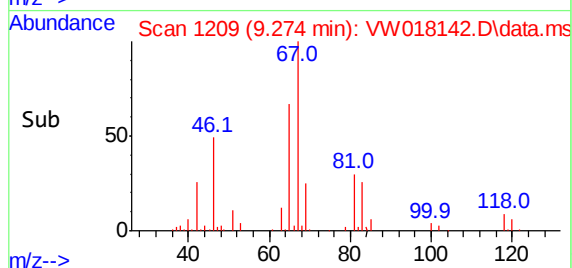
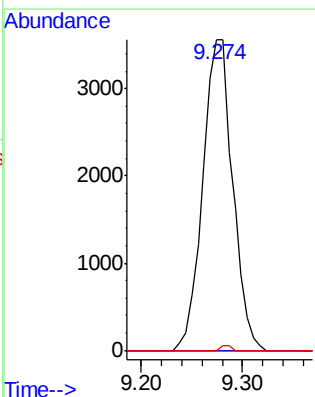
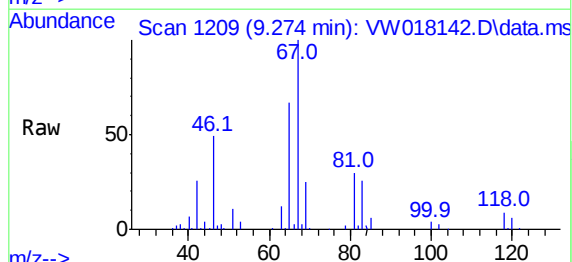
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MSVOA_W
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DBGZ7RE

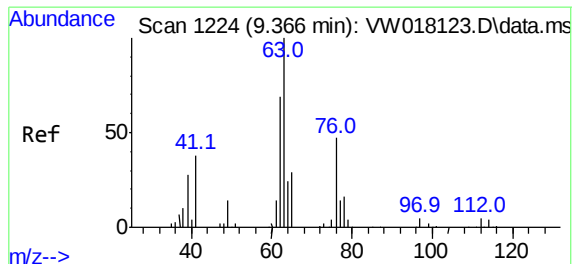
Tgt Ion: 95 Resp: 2624
Ion Ratio Lower Upper
95 100
97 0.0 45.0 83.6#
132 0.0 71.0 131.8#
130 0.0 75.6 140.4#



#36
Methylcyclohexane
Concen: 4.59 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018142.D
Acq: 15 Feb 2021 17:52

Tgt Ion: 83 Resp: 7247
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.0#
98 0.6 40.7 61.1#

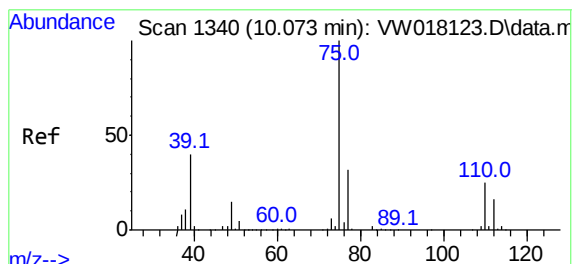
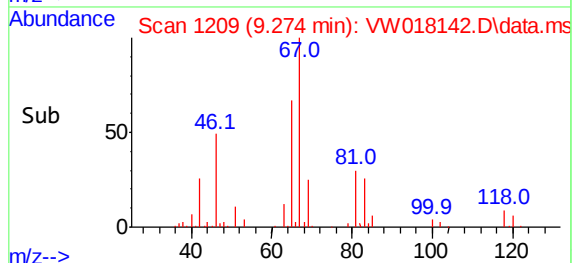
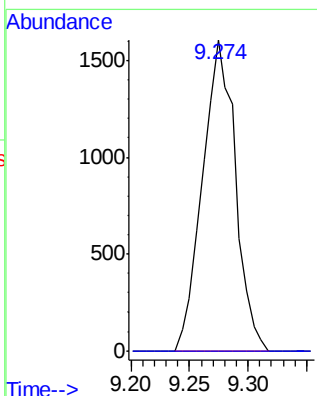
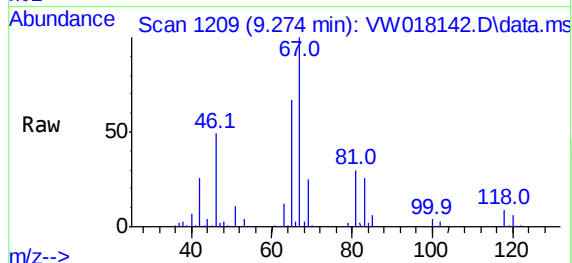




#40
1,2-Dichloropropane
Concen: 4.11 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW018142.D
Acq: 15 Feb 2021 17:52

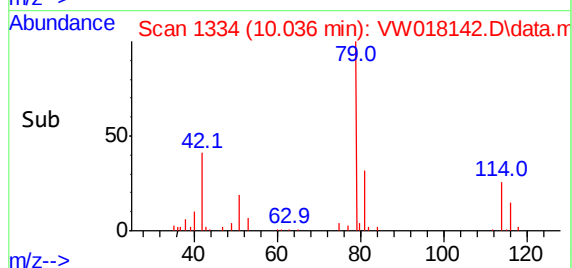
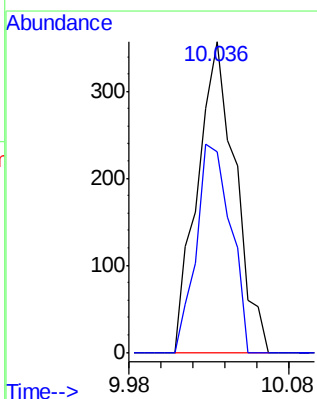
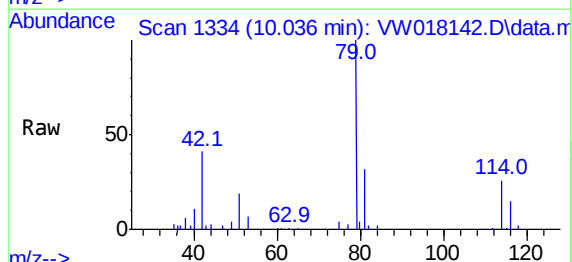
Instrument :
MSVOA_W
ClientSampleId :
DBGZ7RE

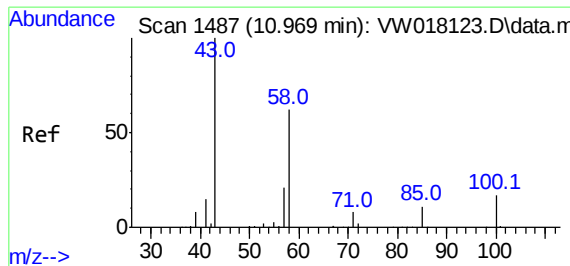
Tgt Ion: 63 Resp: 3144
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



#42
cis-1,3-Dichloropropene
Concen: 0.44 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018142.D
Acq: 15 Feb 2021 17:52

Tgt Ion: 75 Resp: 546
Ion Ratio Lower Upper
75 100
77 64.7 22.7 42.3#



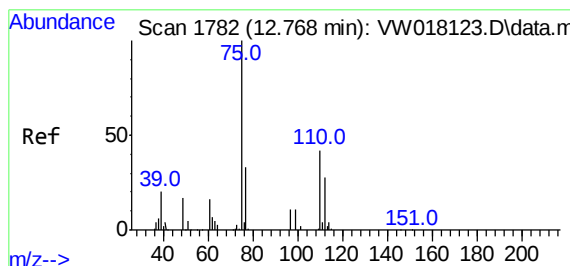
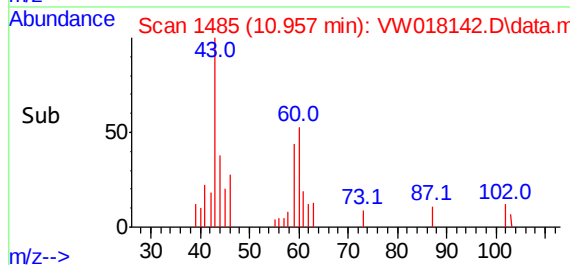
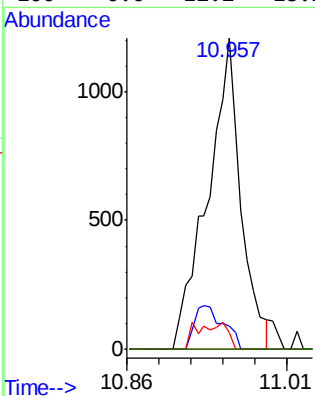
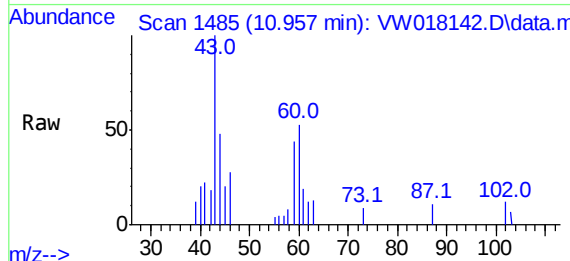


#49
2-Hexanone
Concen: 8.29 ug/L
RT: 10.957 min Scan# 1485
Delta R.T. -0.012 min
Lab File: VW018142.D
Acq: 15 Feb 2021 17:52

Instrument :
MSVOA_W
ClientSampleId :
DBGZ7RE

Tgt Ion: 43 Resp: 2741

Ion	Ratio	Lower	Upper
43	100		
58	0.0	51.3	76.9#
57	3.4	15.0	22.6#
100	0.0	12.2	18.2#



#59
1,2,3-Trichloropropane
Concen: 2.44 ug/L
RT: 13.560 min Scan# 1912
Delta R.T. 0.793 min
Lab File: VW018142.D
Acq: 15 Feb 2021 17:52

Tgt Ion: 75 Resp: 1429

Ion	Ratio	Lower	Upper
75	100		
77	37.7	26.6	39.8

